

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
03100220AA

In Re Application: Peter Muhlradt et al.

MAR 11 2005

Application No. 10/521,013	Filing Date 1-12-05	Examiner unknown	Customer No. 30743	Group Art Unit unknown	Confirmation No. 5050
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Title: BISACYLOXYPROPLCYSTEINE CONJUGATES AND THE USE THEREOF

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Dated: 3-11-05

Signature

Michael E. Whitham
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703-787-9400
Customer # 30743

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Peter Muhlradt et al.

Serial No. 10/521,013

Group Art Unit: unknown

Filed: 1-12-05

Examiner: unknown

For: **BISACYLOXYPROPLCYSTEINE CONJUGATES AND THE USE
THEREOF**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, cited in a International Search Report for the above- identified patent application and listed on the attached forms PTO-1449, to the attention of the Examiner in charge of the above-identified application

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be formally made of record in the application. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-5041.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'M. Whitham', is written over the typed name.

Michael E. Whitham
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Customer # 30743

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 03100220AA		Application Number 10/521,013	
				Applicant(s) Peter Muhlradt et al.			
Filing Date 1-12-05							

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

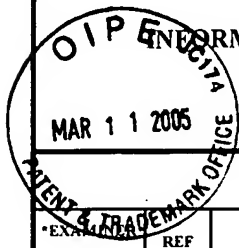
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1	0 604 957	7-6-94	Europe				✓
	2	0 604 945	7-6-94	Europe				✓
	3	0 638 588	2-15-95	Europe				✓
	4	0 510 356	10-28-92	Europe				✓
	5	WO 00/42175	7-20-00	PCT				✓

OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
		1. XP-002257581 Rharbaoui et al. "The Mycoplasma-derived lipopeptide MALP-2 is a potent mucosal adjuvant" Eur. J. Immunol, 2002, 32; 2857-2865 2. XP-002237893, Polyethylene Glycol; pp. 392-393 & 398 3. XP-002257580 Takeuchi et al."Cutting Edge: Preferentially the R-Stereoisomer of the Mycoplasmal Lipopeptide Macrophage-Activating Lipopeptide -2 Activates Immune Cell Through a Toll-Like Receptor 2-and MyD88-Dependent Signaling Pathway" Cutting Edge; pp. 1-4, 2000

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

03100220AA

Application Number

10/521,013

Applicant(s)

Peter Muniradt et al.

Filing Date

1-12-05

Group Art Unit

unknown

U.S. PATENT DOCUMENTS

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U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS


(Including Author, Title, Date, Pertinent Pages, Etc.)

		4. Metzger et al. " Synthesis of N-Fmoc protected derivatives of S-(2,3 dihydroxypropyl)-cysteine and their application in peptide synthesis" Int. J. Peptide Protein Res. 38 1991; pp. 545-554
		5. Hoffmann et al. "Stimulation of Human and Murine Adherent Cells by Bacterial Lipoprotein and Synthetic Lipopeptide Analogues" Immunobiol., Vol. 177, pp. 158-170 1988
		6. Metzger et al. "Synthesis of novel immunologically active tripalmitoyl-S-glycerlcysteinyl lipopeptides as useful intermediates & immunogen preparations" Int. J. Peptide Protein Res. 37, 1991, pp. 46-57 fee

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DATE CONSIDERED

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		7. Muhlradt et al. "Purification and Partial Biochemical Characterization of a Mycoplasma fermentans-Derived Substance That Activates Macrophages To Release Nitric Oxide, Tumor Necrosis Factor, and Interleukin-6" Infection and Immunity, Sept. 1994 pp. 3801-3887, Vol. 62 No. 9
		8. PCT International Search Report dated January 15, 2004

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